

# ENGINEERING CHANGE NOTICE

## DART AEROSPACE LTD

Date: 13.12.09	Job No.: RD4429A	ADR Yes/No: N	ADR Date: <del>13.12.09</del>	ECN #: 13- 696
Product No.: D407-811		Created By: RF	Approved By: <del>RF</del>	
Product Name: Replacement Engine Mount Kits		Checked By: <del>RF</del>		

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)	Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	Y	NF	13.12.11	DQA / QA Coord.	Y	PS	13.12.16
Production Manager / Coord.	Y	LL/MF	13.12.16	QC Coordinator	Y	ED	13.12.17
Purchasing Coord.	N	CL		Customer Support	N	SW/LM	
Production Engineering Coord.	Y	DD/JLM	13.12.13	Customer Technical Support	N	MB/HS	
Production Engineering Coord.	N	DL		Marketing	N	HM	
Customer Order Processing	N	RM/CA		Sales Support Manager	N	NM	

**Reason for Change:**  
Release Drawing for Prototype and Vibration Testing (See Parts List attached)

**Documents Affected:**

D4878 Rev. A	D4928 Rev. A	D4871 Rev. A
D4879 Rev. A	D4883 Rev. A	
D4880 Rev. A	D4884 Rev. A	
D4881 Rev. A	D4885 Rev. A	
D4882 Rev. A	D4870 Rev. A	

**PAPERWORK UPDATE** ☐
**PARTS MUST COMPLY** ☒
**PREVIOUS PARTS SATISFACTORY** ☐

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N			
5	Update Master Document List (MDL)	N			
6	Update Product Compatibility Matrix	N			
7	Notify TC / FAA of Change	N			
8					
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move Electronic Files/Design Journal	Y	KJ		13.12.13
11	Update Product Specification Files	N			
12	Update Approved/Preliminary Dwg PDF Files	Y	KJ		13.12.13
13	Update Document Record (DR)	N			
14	Update Product Development Summary	N			
15	Update QSI 021(TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	KJ		13.12.13
17	Update / Verify ARC Database	N			
18	Create / Update Change Record Form / Item Card Database	Y	KJ	D206-811-013 @ CHG 001	13.12.13
19	Create / Update PPP's	N			
20	Red Decals required?	N			
21	Update Document Control Database (Qpulse)	N			
22	Update Grey Project / Electronic Binder PDF Files	N			
23	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		13.12.13
24	Manufacturing Licensing Agreement Update	N			



**Description / Action:**

- Create BOM/routing for above drawings
- Create BOM/routing for D206-811-011/013 Kits per Parts List attached
- D206-811-011/013 Kits at CHG 001
- Manufacture quantity (1) of D206-811-013 Kit for testing

ECN Verified & Complete: MP

Date: 14/12/13

**Table 1. – Fastener Torque**

Fastener Type	Torque (in-lbs)	Torque (N*m)
1/4-28 	90	10.2
5/16-24	125-145	14.1-16.4
3/8-24 		

**PRELIMINARY  
ISSUE****4.0 WEIGHT AND BALANCE**

The following is the net weight increase associated with the D206-811-011/-013 Kits.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
<b>D206-811-011</b> <b>REPLACEMENT ENGINE MOUNT KIT</b> <i>(206A/B Series S/N 661-671, 716-2608, 39998 and Sub)</i>	1.9 lb 0.86 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	135.5 in 3.44 m	257 in-lb 3.0 m-kg
<b>D206-811-013</b> <b>REPLACEMENT ENGINE MOUNT KIT</b> <i>(206A/B Series S/N 2609-3566, 3567 thru Sub)</i>	1.8 lb 0.82 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	135.5 in 3.44 m	257 in-lb 3.0 m-kg

**5.0 PARTS LIST**

Qty -011	Qty -013	Part Number	Description
X		D206-811-011	<b>REPLACEMENT ENGINE MOUNT KIT</b> <i>(206A/B Series S/N 661-671, 716-2608, 39998 and Sub)</i>
	X	D206-811-013	<b>REPLACEMENT ENGINE MOUNT KIT</b> <i>(206A/B Series S/N 2609-3566, 3567 thru Sub)</i>
1		D4878-041	LEG ASSY, FWD, LH
1		D4878-042	LEG ASSY, FWD, RH
1		D4879-041	LEG ASSY, AFT, LH
1		D4879-042	LEG ASSY, AFT, RH
2		D4928-041	LEG ASSY
	1	D4880-041	LEG ASSY, FWD, LH
	1	D4880-042	LEG ASSY, FWD, RH
	1	D4881-041	LEG ASSY, AFT, LH
	1	D4881-042	LEG ASSY, AFT, RH
	2	D4882-041	LEG ASSY